

In the Claims

Applicants have submitted a new complete claim set indicating marked-up claims with insertions and deletions indicated by underlining and strikeouts, respectively.

Please add new claims 73 and 74.

Please cancel claims 11-72, without prejudice or disclaimer.

1. (Currently amended) A protein microarray, comprising:
a solid support;
a linker covalently attached to said solid support; and
a protein or protein fragment having a terminus ~~that is capable of~~ forming a covalent bond with said linker.
2. (Original) The microarray of claim 1, wherein said terminus is a carboxy terminus.
3. (Original) The microarray of claim 1, wherein said solid support is glass.
4. (Original) The microarray of claim 1, wherein said linker comprises a maleimide group.
5. (Original) The microarray of claim 1, wherein said linker comprises a vinyl sulfone group.
6. (Original) The microarray of claim 1, wherein said linker comprises a N-hydroxy succinimide group.
7. (Original) The microarray of claim 1, wherein said protein or protein fragment is an antibody or antibody fragment.
8. (Original) The microarray of claim 7, wherein said antibody or antibody fragment is a single chain antibody.

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9. (Original) The microarray of claim 1, wherein said microarray has at least 1,000 spots per cm^2 .

10. (Original) The microarray of claim 1, wherein said microarray has at least 2,000 spots per cm^2 .

11-72. (Canceled)

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cont
73. (New) The microarray of claim 1, wherein said microarray has about 1,600 spots per cm^2 .

74. (New) The microarray of claim 1, wherein said microarray has at least 1,600 spots per cm^2 .
